

transfer from the heating block to the cooling block, so that the temperature of the heating block can be regulated at a predetermined preset level while the temperature of the cooling block is maintained for a long time.

IN THE CLAIMS:

Please **AMEND** the claims as follows:

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AS
1. (Amended) A sample temperature regulator comprising:
a heating block having a receptacle formed therein as a sample container holder, said heating block attaching a temperature-controllable heater;
a cooling block having a cooling mechanism; and
a connecting plate positioned between and attaching the heating block with the cooling block;
wherein the connecting plate is made of a material having a thermal conductivity lower than those of these two blocks.
 2. (Amended) The sample temperature regulator according to claim 1, wherein the cooling block extends between and connects with a plurality of heating blocks.
 3. (Amended) The sample temperature regulator according to claim 1 or 2, further comprising a refluxing block extending from said cooling block, and containing means for contacting an upper part of a sample container seated in said heating block.